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AUG 05 2002

Sheet

of

4

Application Number	10/071,145
Filing Date	2/06/2002
First Named Inventor:	Ben Vakoc
Group Art Unit	2872
Examiner Name	Not Yet Assigned
Attorney Docket Number	5489P018

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## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

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Examiner  
Signature

Edwin Fisher

Date Considered  
18 APRIL 2003

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1449A/PTO (Modified)		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/071,145
		Filing Date	2/06/2002
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		Examiner Name	Not Yet Assigned
AUG 05 2002 Sheet 2 of 4	Attorney Docket Number		5489P018
<b>OTHER ART - NO PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
BB		D. Ostling and H.E. Engan, "Polarization-selective mode coupling in two-mode Hi-Bi fibers," Journal of Lightwave Technology, Vol. 15, No. 2, pp. 312-320 (February 1997).	
BB		W.P. Risk, G.S. Kino, and B.T. Khuri-Yakub, "Tunable optical filter in fiber-optic form," Optics Letters, Vol. 11, No. 9, pp. 578-580 (September 1986).	
BB		D.O. Culverhouse, et al., "All-fibre Acousto-optic Tunable Filter Based on a Null Coupler," Optical Communication 1996, ECOC '96, Vol. 3, pp. 317-320 (September 15-19, 1996).	
BB		H.Y. Rhy, et al., "Self-Switching with a Nonlinear Birefringent Loop Mirror," IEEE Journal of Quantum Electronics, Vol. 36, No. 1, pp. 89-93 (January 2000)	
BB		B. CROSIGNANI et al., "Kerr Effect and Chromatic Dispersion in Fiber-Optic Gyroscopes", Journal of Lightwave Technology, Vol. LT-3, No. 4, (A Joint IEEE/OSA Publication, August 1985, pp. 914-918	
BB		C. BALSLEV CLAUSEN et al., "Polarization Sensitivity of the Nonlinear Amplifying Loop Mirror", A Publication of the Optical Society of America, Optics Letters, Vol. 21, No. 19, October, 1996, pp. 1535-1537	
BB		E. DOWLING et al., "Lightwave Lattice Filters for Optically Multiplexed Communication Systems", Journal of Lightwave Technology, Vol. 12, No. 3, March 1994, pp. 471-486.	
BB		D.L. MACFARLANE et al., "Three-Mirror Etalons as Bandpass Filters for Modulated Optical Signals", IEEE Photonics Technology Letters, Vol. 5, No. 9 September 1993, pp. 1089-1092.	
BB		G. LENZ et al., "Dispersive Properties of Optical Filters for WDM Systems", IEEE Journal of Quantum Electronics, Vol. 34, No. 8, August 1998, pp. 1390-1402.	
BB		C.K. MADSEN et al., "An All-Pass Filter Dispersion Compensator using Planar Waveguide Ring Resonators", Bell Laboratories, Lucent Technologies, Room 1D148, 600 Mountain Avenue, Murray Hill NJ 07974, pp. FE6-1/99, 100/FE6-2, FE6-3/101 (3 total).	
BB		G. LENZ et al., "Optimal Dispersion of Optical Filters for WDM Systems", IEEE Photonics Technology Letters, Vol. 10, No. 4, April 1998, pp. 567-569.	
BB		C.K. MADSEN et al., "Phase Engineering Applied to Integrated Optical Filters", IEEE 1999, Bell Laboratories, Lucent Technologies, Room 1D148, 600 Mountain Avenue, Murray Hill NJ 07974, pp. 906-907.	

Examiner Signature	<i>John J. Jones</i>	Date Considered	10 APRIL 2003
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First Named Inventor:

Ben Vakoc

Group Art Unit

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Examiner Name

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## OTHER ART - NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
JB		C.K. MADSEN et al., "A Multi-Channel Dispersion Slope Compensating Optical Allpass Filter", Bell Laboratories, Lucent Technologies, Room 1D148, 600 Mountain Avenue, Murray Hill NJ 07974, pp. 94/WF5-1, WF5-2/9, 96/WF5-3 (3-total) (no date)	
JB		C.K. MADSEN, "General IIR Optical Filter Design for WDM Applications Using All-Pass Filters", Journal of Lightwave Technology, Vol. 18, No. 6, June 2000, pp. 860-868.	
JB		C.K. MADSEN et al., "A Tunable Dispersion Compensating MEMS All-Pass Filter", IEEE Photonics Technology Letters, Vol. 12, No. 6, June 2000, pp. 651-653.	
JB		A.H. GNAUCK et al., "Optical Equalization of Fiber Chromatic Dispersion in a 5-Gb/s Transmission System", IEEE Photonics Technology Letters, Vol. 2, No. 8, August 1990, pp. 585-587.	
JB		G. LENZ et al., "Optical Delay Lines Based on Optical Filters", IEEE Journal of Quantum Electronics, Vol. 37, No. 4 April 2001, pp. 525-532.	
JB		G. LENZ et al., "General Optical All-Pass Filter Structures for Dispersion Control in WDM Systems", Journal of Lightwave Technology, Vol. 17, No. 7, July 1999, pp. 1248-1254.	
JB		C.K. MADSEN, "A Multiport Frequency Band Selector with Inherently Low Loss, Flat Passbands, and Low Crosstalk", IEEE Photonics Technology Letters, Vol. 10, No. 12, December 1998, pp. 1766-1768.	
JB		C.K. MADSEN, "Efficient Architectures for Exactly Realizing Optical Filters with Optimum Bandpass Designs", IEEE Photonics Technology Letters, Vol. 10, No. 8, August 1998, pp. 1136-1138.	
JB		C.K. MADSEN et al., "Optical All-Pass Filters for Phase Response Design with Applications for Dispersion Compensation", IEEE Photonics Technology Letters, Vol. 10, No. 7, July 1998, pp. 994-996.	
JB		C.K. MADSEN et al., "Integrated All-Pass Filters for Tunable Dispersion and Dispersion Slope Compensation", IEEE Photonics Technology Letters, Vol. 11, No. 12, December 1999, pp. 1623-1625.	
JB		KOICHI TAKIGUCHI et al., "Dispersion Compensation Using a Planar Lightwave Circuit Optical Equalizer", IEEE Photonics Technology Letters, Vol. 6, No. 4, April 1994, pp. 561-564.	
JB		CHRISTI K. MADSEN et al., "Increasing the Free Spectral Range of Silica Waveguide Rings for Filter Applications", Optics Letters/Vol. 23, No. 3/February 1998, pp. 186-188.	

Examiner  
Signature

John Zuber

Date

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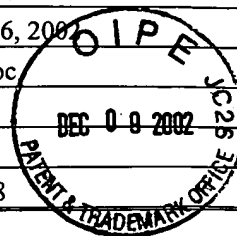
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Filing Date	February 6, 2008
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Group Art Unit	2872
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<b>Sheet</b>	<b>1</b>	<b>of</b>	<b>1</b>
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*John Julius*

Date Considered  
18 APRIL 2003

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